

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

- 5 1.(original) An organic light emitting diode (OLED) display comprising:
a substrate, a plurality of pixel areas being defined on the substrate;
a heating circuit structure comprising:
a first conductive line and a second conductive line not connected
to each other formed on the substrate;
10 a first isolation layer formed on the substrate, the first isolation
layer comprising a plurality of first contact holes exposing
the first conductive line and the second conductive line;
a plurality of first heating wires and a plurality of second heating
wires disposed on the substrate, each of the first heating
15 wires and each of the second heating wires being
electrically connected to the first conductive line and the
second conductive line respectively through each of the
first contact holes and covering portions of each of the
pixel areas; and
20 a ground electrode being electrically connected to each of the
first heating wires and each of the second heating wires;
and
a plurality of organic light emitting diodes corresponding to each of
the pixel areas.
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- 2.(original) The display of claim 1 wherein both the first heating wire and
the second heating wire are transparent heating wires.

3.(original) The display of claim 1 further comprising a second isolation layer covering the heating circuit structure, and each of the organic light emitting diodes is disposed on the second isolation layer.

5 4.(original) The display of claim 3 wherein each of the first heating wires is used to heat the corresponding organic light emitting diodes to allow the organic light emitting diodes above each of the first heating wires to emit green light, and each of the second heating wires is used to heat the corresponding organic light emitting diodes to allow the organic light emitting diodes above each of the second heating wires to emit red light.

5.(original) The display of claim 4 wherein each of the organic light emitting diodes which are not heated emits blue light.

15 6.(original) The display of claim 1 wherein the organic light emitting diodes are disposed underneath the first isolation layer.

7.(original) The display of claim 6 wherein each of the first heating wires is used to heat the corresponding organic light emitting diodes to allow the organic light emitting diodes underneath each of the first heating wires to emit green light, and each of the second heating wires is used to heat the corresponding organic light emitting diodes to allow the organic light emitting diodes underneath each of the second heating wires to emit red light.

25 8.(original) The display of claim 7 wherein each of the organic light emitting diodes which are not heated emits blue light.

9.(original) The display of claim 1 wherein each organic light emitting diode comprises:

a transparent electrode, the transparent electrode is used as an anode;

5 an organic thin film formed on the transparent electrode; and

a metal layer formed on the organic thin film, the metal layer is used as a cathode.

10 10.(original) The display of claim 1 wherein the ground electrode is a transparent ground electrode, wherein a width of the ground electrode is greater than widths of the first conductive line and the second conductive line.

11.(currently amended) An organic light emitting diode (OLED) display
15 comprising:

a substrate, a plurality of pixel areas being defined on the substrate, a diode region and a thin film transistor (TFT) region being defined in each of the pixel areas;

20 a first conductive wire and a second conductive wire not connected to each other formed on the substrate;

a plurality of first heating wires and a plurality of second heating wires disposed on the substrate, each of the first heating wires and each of the second heating wires covering portions of each of the pixel areas;

25 a thin film transistor disposed on each of the heating wires in each of the thin film transistor regions;

an isolation layer formed on the substrate, and the isolation layer covering each of the thin film transistors and each of the heating

wires; and

an organic light emitting diode disposed on the isolation layer in each of the diode regions;

wherein each of the first heating wires is electrically connected to the first
5 conductive wire to heat the corresponding organic light emitting diodes to
emit green light, and each of the second heating wires is electrically
connected to the second conductive wire to heat the corresponding organic
light emitting diodes to emit red light.

10 12.(original) The display of claim 11 wherein both the first heating wire
and the second heating wire are transparent heating wires.

13.(original) The display of claim 11 wherein each of the organic light
emitting diodes which are not heated emits blue light.

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14.(original) The display of claim 11 wherein a buffer layer is included
between each of the thin film transistors and each of the heating wires, and
the buffer layer is composed of silicon oxide.

20 15.(original) The display of claim 11 wherein the isolation layer is
composed of silicon oxide, and a thickness of the isolation layer is
approximately equal to 1000 angstroms (Å).

25 16.(original) The display of claim 11 wherein each organic light emitting
diode comprises:

a transparent electrode formed on the isolation layer, the
transparent electrode is used as an anode;
an organic thin film formed on the transparent electrode; and

a metal layer formed on the organic thin film, the metal layer is
used as an cathode.

17.(original) The display of claim 16 wherein the transparent electrode is a
5 pixel electrode of the thin film transistor.

18.(original) The display of claim 11 wherein the first conductive line and
the second conductive line are not connected to each other.

10 19. (original) The display of claim 11 further comprising a ground
electrode electrically connected to each of the first heating wires and each
of the second heating wires.

20.(original) The display of claim 19 wherein the ground electrode is a
15 transparent ground electrode, wherein a width of the ground electrode is
greater than widths of the first conductive line and the second conductive
line.

21.(cancelled)

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